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FEC FORM 3X

REPORT OF RECEIPTS AND DISBURSEMENTS

For Other Than An Authorized Committee

- Gran GA	Other Than An Autho	rizea Committee		Office Use Only
NAME OF TYPE COMMITTEE (in full)	PE OR PRINT ▼	Example: If typing, type over the lines.	12FE4M5	
Employees of Northrop G	rumman Corporation	n PAC		
ADDRESS (number and street)	980 Fairview Park Drive			
Check if different than previously reported. (ACC)	Falls Church		VA	22042
2. FEC IDENTIFICATION NUME	BER ▼ CITY	A	STATE ▲	ZIP CODE ▲
C C00088591	3. IS T	ORT NEW (N) OR	X AME (A)	ENDED
4. TYPE OF REPORT (Choose One)	(b) Monthly Feb 20 Report Due On: Mar 20			0 (M8) Nov 20 (M11) (Non-Election Year Only) 0 (M9) Dec 20 (M12)
(a) Quarterly Reports:				(Non-Election Year Only)
April 15 Quarterly Report (Q1)	(c) 12-Day			0 (M10) Jan 31 (YE)
July 15 Quarterly Report (Q2)	(c) 12-Day PRE-Election Report for the:	Primary (12P) Convention (12C)	General (1	
October 15 Quarterly Report (Q3)	rioport for the.			<u></u>
January 31 Year-End Report (YE)	Election o	on 11 08	2016	in the State of
July 31 Mid-Year Report (Non-election Year Only) (MY)	(d) 30-Day POST-Election Report for the:	General (30G)	Runoff (30	Special (30S)
Termination Report (TER)	Election of	on	Y = Y = Y = Y	in the State of
5. Covering Period 10	01 2016	through 10	19	2016
I certify that I have examined this F Type or Print Name of Treasurer	Report and to the best of my Ashworth, Sid, , ,	y knowledge and belief it is to	rue, correct and	complete.
Signature of Treasurer Ashworth	Sid, , ,	[Electronically Filed]	Date 11	14 2016
NOTE: Submission of false, erroneous	s, or incomplete information n	nay subject the person signing	this Report to the	e penalties of 52 U.S.C. § 30109
Office Use				FEC FORM 3X Rev. 05/2016

SUMMARY PAGE OF RECEIPTS AND DISBURSEMENTS FEC Form 3X (Rev. 05/2016) Page 2 Write or Type Committee Name **Employees of Northrop Grumman Corporation PAC** 10 01 2016 10 19 2016 Report Covering the Period: From: To: **COLUMN A COLUMN B** This Period Calendar Year-to-Date (a) Cash on Hand 3505083.78 January 1. 2016 (b) Cash on Hand at 3439117.75 Beginning of Reporting Period..... 92807.18 1809054.04 (c) Total Receipts (from Line 19) (d) Subtotal (add Lines 6(b) and 6(c) for Column A and Lines 5314137.82 3531924.93 6(a) and 6(c) for Column B)..... 29500.00 1811712.89 7. Total Disbursements (from Line 31)...... Cash on Hand at Close of 8. Reporting Period 3502424.93 3502424.93 (subtract Line 7 from Line 6(d))..... Debts and Obligations Owed TO the Committee (Itemize all on 0.00 Schedule C and/or Schedule D) 10. Debts and Obligations Owed BY

the Committee (Itemize all on Schedule C and/or Schedule D)

Т		П	Т		0.00	

This committee has qualified as a multicandidate committee. (see FEC FORM 1M)

For further information contact:

Federal Election Commission 999 E Street, NW Washington, DC 20463

Toll Free 800-424-9530 Local 202-694-1100

DETAILED SUMMARY PAGE

of Receipts

FEC Form 3X (Rev. 05/2016)

Write or Type Committee Name

Employees of Northrop Grumman Corporation PAC

10 01 2016 10 19 2016 Report Covering the Period: From: To: **COLUMN A COLUMN B** I. Receipts **Total This Period** Calendar Year-to-Date 11. Contributions (other than loans) From: (a) Individuals/Persons Other Than Political Committees 83137.41 1162103.70 (i) Itemized (use Schedule A)..... 9669.77 618450.34 (ii) Unitemized (iii) TOTAL (add 1780554.04 92807.18 Lines 11(a)(i) and (ii).....▶ 0.00 0.00 (b) Political Party Committees (c) Other Political Committees 0.00 0.00 (such as PACs)..... (d) Total Contributions (add Lines 11(a)(iii), (b), and (c)) (Carry 1780554.04 92807.18 Totals to Line 33, page 5)▶ 12. Transfers From Affiliated/Other 0.00 0.00 Party Committees..... 0.00 0.00 13. All Loans Received 0.00 0.00 14. Loan Repayments Received..... 15. Offsets To Operating Expenditures (Refunds, Rebates, etc.) 0.00 0.00 (Carry Totals to Line 37, page 5)..... 16. Refunds of Contributions Made to Federal Candidates and Other Political Committees..... 28500.00 0.00 17. Other Federal Receipts 0.00 (Dividends, Interest, etc.)..... 0.00 18. Transfers from Non-Federal and Levin Funds (a) Non-Federal Account 0.00 0.00 (from Schedule H3)..... 0.00 0.00 (b) Levin Funds (from Schedule H5) (c) Total Transfers (add 18(a) and 18(b)).. 0.00 0.00 19. Total Receipts (add Lines 11(d), 12, 13, 14, 15, 16, 17, and 18(c))....... 92807.18 1809054.04 20. Total Federal Receipts 92807.18 1809054.04 (subtract Line 18(c) from Line 19)▶

DETAILED SUMMARY PAGE

of Disbursements

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II. Disbursements	COLUMN A Total This Period	COLUMN B Calendar Year-to-Date		
Operating Expenditures: (a) Allocated Federal/Non-Federal				
Activity (from Schedule H4)	0.00	0.00		
(i) Federal Share	4 4			
(ii) Non-Federal Share	0.00	0.00		
(b) Other Federal Operating Expenditures	0.00	21876.36		
(c) Total Operating Expenditures	0.00	21876.36		
(add 21(a)(i), (a)(ii), and (b))	0.00	21070.30		
Committees	0.00	0.00		
Federal Candidates/Committees and Other Political Committees	21500.00	1641800.00		
Independent Expenditures (use Schedule E)	0.00	0.00		
Coordinated Party Expenditures (52 U.S.C. § 30116(d))	0.00	0.00		
(use Schedule F)	0.00	0.00		
Loan Repayments Made	0.00	0.00		
Loans MadeRefunds of Contributions To:	0.00	0.00		
(a) Individuals/Persons Other Than Political Committees	0.00	1036.53		
(b) Political Party Committees	0.00	0.00		
(c) Other Political Committees (such as PACs)	0.00	0.00		
(d) Total Contribution Refunds (add Lines 28(a), (b), and (c))	0.00	1036.53		
	4 4	45 45		
Other Disbursements (Including Non-Federal Donations)	8000.00	147000.00		
Federal Election Activity (52 U.S.C. § 301	01(20))			
(a) Allocated Federal Election Activity (from Schedule H6)	0.1(20))			
(i) Federal Share	0.00	0.00		
(**) #		4 4		
(ii) "Levin" Share(b) Federal Election Activity Paid	0.00	0.00		
Entirely With Federal Funds	0.00	0.00		
(c) Total Federal Election Activity (add Lines 30(a)(i), 30(a)(ii) and 30(b))	0.00	0.00		
	4 4	7 7 7		
Total Disbursements (add Lines 21(c), 22, 23, 24, 25, 26, 27, 28(d), 29 and 30(c))				
20, 24, 20, 20, 21, 20(u), 29 and 30(C))	29500.00	1811712.89		
Total Federal Disbursements (subtract Line 21(a)(ii) and Line 30(a)(ii)				
from Line 31)	29500.00	4044740.00		
,	29300.00	1811712.89		

DETAILED SUMMARY PAGE

of Disbursements

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Page 5

,		3
III. Net Contributions/ Operating Expenditures	COLUMN A Total This Period	COLUMN B Calendar Year-to-Date
33. Total Contributions (other than loans) (from Line 11(d), page 3)	92807.18	1780554.04
34. Total Contribution Refunds (from Line 28(d))	0.00	1036.53
35. Net Contributions (other than loans) (subtract Line 34 from Line 33)	92807.18	1779517.51
36. Total Federal Operating Expenditures (add Line 21(a)(i) and Line 21(b))▶	0.00	21876.36
37. Offsets to Operating Expenditures (from Line 15, page 3)	0.00	0.00
38. Net Operating Expenditures (subtract Line 37 from Line 36)	0.00	21876.36

FOR LINE NUMBER: PAGE 6 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Abbate, Samuel, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-284 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Supply Chain Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Aberg, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-325 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Abrams, Benjamin, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2721 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 1540.00 Other (specify) 172.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Agolia, Edward, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-288 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Aguilar, Prenthis, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-359 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Electromechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Aguilar, Vincent, E, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1606 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ahn, Joseph, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1013 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Government Affairs Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Albertson, Kenda, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1039 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Albrecht, Blake, N., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1311 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 64.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allison, Sarah, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2402 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Cyber Systems Engineer Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Alphonse, Nikki, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2268 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir EEO and Diversity Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Altamura, Rhea, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1116 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Alvarez, Richard, D, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-783 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Amen, Martin, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1358 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Amidon, Brett, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-401 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson, Matthew, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-512 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Anderson, Michelle, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-601 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 720.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Anderson-Bayh, Denise, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-414 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 103.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Andorfer, William, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-161 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Quality** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Andrade, Placido, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1817 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Andree, Deborah, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-310 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Andrews, Joseph, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-700 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Andrus, Stewart, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-123 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Andrzejewski, David, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-229 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

720 FOR LINE NUMBER: PAGE 20 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anezin, Denise, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-622 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Antkowiak, Patrick, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-673 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1923.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Apecechea, Joseph, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1849 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify)

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Armstrong, Carol, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-941 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Armstrong, John, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-959 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Asher, Edward, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1094 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Org Development Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ashworth, Margaret, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2705 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 193.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP Government Relations Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 3860.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Asti, Brian, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-622 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Atcheson, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-392 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 250.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baba, Wesley, N, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-739 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 2400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Babbitt, Bart, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2088 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Babineau, Guy, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-836 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) 178.50 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Babineaux, Caroline, V,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2291 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 34.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bachmeier, David, Z, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-653 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Backschies, John, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1468 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) 114.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bailey, Mark, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-723 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Baker, Brenna, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2304 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 539.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Baker, Darrell, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1761 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bargiel, Charlene, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-522 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Barone, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2334 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Barre, Bart, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-483 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 110.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bartlett, Scott, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-153 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barton, Jennifer, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2274 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bartos, Peter, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-687 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 769.40 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Biddlecomb, Ralph, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-254 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Birk, Ronald, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1234 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bishop, Jane, T, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-407 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1305.35 Other (specify) 141.15 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boylan, Robert, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-348 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brabec, Kevin, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-701 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bracken, Michael, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-221 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 163.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bradley, Randy, F,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-672 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bradt, Joan, H,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1707 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Brady, Christopher, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1051 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brammer, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1110 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brandofino, Louis, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-449 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Braswell, Ruth, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2178 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bricker, Stacey, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-921 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Env Health Safety Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bridges, Roy, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-820 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Briere, Norman, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-42 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brissette, Bruce, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2231 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brizzi, Carolyn, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-626 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brohawn, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-211 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brown, Scott, Z,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2065 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brown Smith, Donna, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-686 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bruner, Erich, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-137 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) 83.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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ITEMIZED RECEIPTS

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butta, Mitchell, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-334 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Butterfield, Troy, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1442 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Database Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Buzby, John, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-485 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 168.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bybee, Pamela, S, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1490 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Management** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bynum, Kirk, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1402 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Technical Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Byrne, Maureen, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1043 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1940.00 Other (specify) 156.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cadmus, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2386 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Caldwell, Richard, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1400 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Calhoun, Donald, E., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-402 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 97 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Calhoun, Thomas, M.,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1204 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Callahan, Sean, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-22 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 110.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2090.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Callis, Mark, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-368 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 175.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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720 98 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Calomino, Margaret, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-603 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Calomino, Margaret, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016101193658-1 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 840.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Camp, Arlene, L., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-52 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Campbell, Karen, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-56 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 3846.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Campbell, Kevin, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2755 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Campbell, Stephen, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-834 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 237.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpo	ration PAC	
Α.	Full Name of Individual (Last, First, Middle Initi Campion, Douglas, E, ,	al) or Full O	Organization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Dr			10 07 Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-1683
	FEC ID number of contributing federal political committee.	С		Amount of Each Receipt this Period 50.00
	Name of Employer (for Individual) Northrop Grumman		upation (for Individual) Human Resources	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 1000.00	
— В.	Full Name of Individual (Last, First, Middle Initi Canada, Donald, E, ,	al) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Dr			10 07 2016
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-714 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
	Name of Employer (for Individual) Northrop Grumman		cupation (for Individual) Real Estate	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼ 400.00	
- С.	Full Name of Individual (Last, First, Middle Initi Cangianelli, Joanna, C, ,	al) or Full O	Organization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Dr			10 07 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID: 2016100410254-2848 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
	Name of Employer (for Individual) Northrop Grumman		upation (for Individual) Capture Management	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate	Year-to-Date ▼ 400.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cannella, Elaine, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-635 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cannella, John, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-75 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cano, Fernando, L., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2117 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Canto, Gabriel, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2051 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Canty, Francis, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-281 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Capoccia, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1680 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 84.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Capps, Patrick, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-668 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Engineer Planning Analyst** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carlson, Inez, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2028 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carlson, Kenneth, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1634 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Co	rporation PAC				
١.	Full Name of Individual (Last, First, Middle Initial) or Formandy, Thomas, T, , Mailing Address 2980 Fairview Park Dr	Date of Receipt				
	City State Falls Church VA	e Zip Code 22042-4511	10 07 2016 Transaction ID : 2016100410254-1934			
	FEC ID number of contributing federal political committee.		Amount of Each Receipt this Period 40.00			
	Northrop Grumman	Occupation (for Individual) Mgr Subcontract Programs qate Year-to-Date ▼	Memo Item			
	Primary General Other (specify) ▼]				
3.	Full Name of Individual (Last, First, Middle Initial) or Formatter Carnesi, Michele, A, ,	Date of Receipt M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y				
	Mailing Address 2980 Fairview Park Dr City State					
	Falls Church VA	Zip Code 22042-4511	Transaction ID : 2016100410254-247 Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.		20.00 Memo Item			
	Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Engineer Software Quality				
	Receipt For: Primary General Other (specify) ▼ Aggree	gate Year-to-Date ▼ 400,00]			
) .	Full Name of Individual (Last, First, Middle Initial) or Forenesi, Steven, G , ,	Date of Receipt				
	Mailing Address 2980 Fairview Park Dr	10 07 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y				
	City State Falls Church VA	Zip Code 22042-4511	Transaction ID: 2016100410254-184 Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.		40.00			
	Northrop Grumman	Occupation (for Individual) Dir Programs	Memo Item			
	Primary General Other (specify) Aggree	gate Year-to-Date ▼ 800.00]			
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carney, Andrew, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1291 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Test Conductor** Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Caro, Amy, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-599 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carolan, Marie-Louise, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2797 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 191.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carpenter, James, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1237 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carr, John, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-65 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carroll, Judy, G, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-884 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 77.73 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carter, Sheldon, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2542 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Logistics** Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Carter, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-127 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cartney, Douglas, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-359 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

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Full Name of Individual (Last, First, Middle Ir Casady, Aaron, M, ,	nitial) or Full Orga	anization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr			10 07 2016
City	State	Zip Code	Transaction ID: 2016100410254-2345
Falls Church	VA	22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		39.00
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Northrop Grumman		ocontract Programs	
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Primary General Other (specify)		780.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caverly, Torin, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-152 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cawley, Martin, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1851 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cawley, Patrick, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2670 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Spares Coordination Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caylor, Mark, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1544 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 182.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President ESS Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 3646.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chambliss, Chris, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2715 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chan, Steven, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1701 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 252.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Childers, Harold, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-555 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chin, Eric, Q,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-833 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chivukula, Venu, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1360 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cleveland, Catherine, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2390 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Asst General Counsel Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Clower, Dayna, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1184 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 760.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cloyd, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2479 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.80 Other (specify) 134.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Coates, Donald, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1457 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Coffee, Cynthia, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-963 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cohen, Miriam, C., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-616 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 384.80 Other (specify) 74.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Coleman, Stephen, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-492 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collier, Wesley, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2430 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 32.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collins, Pamela, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1763 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Pgm Planning Schedlng Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 445.63 Other (specify) 83.32 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Colvin, Keith, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-828 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Colwell, William, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2786 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Comer, Wayland, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-744 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 103.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and or for commercial purposes, other than using	d Statements may not be sold or used by any per the name and address of any political committee	son for the purpose of soliciting contributions to solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grum		
Full Name of Individual (Last, First, Middle Common, Russell, J, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 07 2016
City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 2016100410254-1940 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Engineering	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 400.00	
Full Name of Individual (Last, First, Middle Compean, Carlos, A, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 07 2016
City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 20161005113156-738 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Software Engineering	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 400.00	
Full Name of Individual (Last, First, Middle Connell, James, M, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 07 7 2016
City Falls Church	State Zip Code VA 22042-4511	Transaction ID: 20161005113156-873 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Capture Management	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 400.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conwell, Troy, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-934 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Quality** Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cook, Steven, F,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-817 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cook, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-489 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cooke, Karl, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2840 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cool, Christopher, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-143 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Affordability Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Copija, Matthew, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-866 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Coulon, Bridget, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-698 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 76.92 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Human Resources and Admin Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cox, Flora, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-799 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cox, Gary, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1294 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 14.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General 280.00 Other (specify) 129.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crabb, William, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-12 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Craig, David, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1880 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Crain, Paul, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2573 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crawford, Douglas, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-581 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Creamer, David, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-336 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 725.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Crisman, Layla, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-742 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Expatriate Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 93.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crist, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2092 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Crofford, Heather, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2824 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and CFO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cromer, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2646 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 230.76 Other (specify) 97.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crossland, Peter, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-430 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Crudele, Scott, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-901 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Culmo, James, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-116 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 188.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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NAME OF COMMITTEE (In Full)											

Employees of Northrop Grumi	man Corpor	ration PAC	
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Mailing Address 2980 Fairview Park Dr			10 07 2016
City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-530 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		100.00
Name of Employer (for Individual) Northrop Grumman Receipt For:	Dir P	pation (for Individual) rograms	Memo Item
Primary General Other (specify) ▼	Aggregate \	Year-to-Date ▼ 2000.00	
Full Name of Individual (Last, First, Middle Curry, Donald, E, ,	Initial) or Full Or	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr City	State	Zip Code	10 07 2016
Falls Church	VA	22042-4511	Transaction ID : 2016100410254-559 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		40.00
Name of Employer (for Individual) Northrop Grumman		pation (for Individual) Bus Mgmt	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate	Year-to-Date ▼	
Full Name of Individual (Last, First, Middle Curry, Gregory, L, ,	Initial) or Full Or	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr	Stata	Zin Codo	10 07 2016
City Falls Church	State VA	Zip Code 22042-4511	Transaction ID: 2016100410254-785 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		40.00
Name of Employer (for Individual) Northrop Grumman		pation (for Individual) rograms	Memo Item
Receipt For: Primary General Other (specify)	Aggregate	Year-to-Date ▼ 800.00	
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Name of Employer (for Individual)

federal political committee.

Northrop Grumman

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 147 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Curtin, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-347 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Curtis, Nathaniel, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1045 Falls Church VA 22042-4511 Amount of Each Receipt this Period

	Northrop Grumman Receipt For: Primary General Other (specify) ▼	Engineer RF Microwave Design Aggregate Year-to-Date ▼ 440.00	
C.	Full Name of Individual (Last, First, Middle In Curtis, Yolanda, C, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code VA Z2042-4511 C Occupation (for Individual) Mgr Programs Aggregate Year-to-Date 729.50	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-813 Amount of Each Receipt this Period 38.50 Memo Item
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cushing, Donna, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1154 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dabrowski, David, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-250 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dace, Glen, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2758 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 400.00					
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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dang, Kenny, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2675 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Daniels, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1643 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Comptr Sys Architecture Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Danner, Robert, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-904 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee.

Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... FEC Schedule A (Form 3X) Rev. 06/2016

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Darden, Christopher, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1754 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Subcontract Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Darnall, Michael, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-876 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Graphic Arts Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Darnell, Bradley, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1187 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Daughters, Christopher, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1962 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Davidson, Greg, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-501 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Davies, James, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-69 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davis, Cynthia, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1053 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Davis, Gregory, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1961 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 250.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Davis, James, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-154 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 72.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davis, Kenneth, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2814 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Davis, Lisa, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2828 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp VP Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1923.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Davis, Michael, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-366 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 184.61 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davis, Tabrina, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2880 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 119.05 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Communications** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1785.75 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** De Guzman, Yolanda, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-174 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Assurance Policy Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** De La O, Gary, R, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-818 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Electrical** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 159.05 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name De Wees, Robyn, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-162 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Deal, Glen, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-822 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dean, John, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-224 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dearinger, Mark, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1579 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 354.14 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Deavers, Michael, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1190 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Deblasio, Marc, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-430 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 61.00 SUBTOTAL of Receipts This Page (optional).....

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/ Employees of Northrop Grumn	nan Corporation PAC	
Full Name of Individual (Last, First, Middle I Delong, Donald, G, ,	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 07 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Follo Church	State Zip Code VA 22042-4511	Transaction ID : 2016100410254-1553
Falls Church	VA 22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С	80.00
Name of Employer (for Individual)	Occupation (for Individual)	Memo Item
Northrop Grumman	Engineer Electronics	
Receipt For: Primary General	Aggregate Year-to-Date ▼	
Other (specify) ▼	1600.00	
Full Name of Individual (Last, First, Middle IDemartino, Oscar, A, ,	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr	lan -	10 07 2016
City Follo Church	State Zip Code VA 22042-4511	Transaction ID : 20161005113156-745
Falls Church	VA 22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Software Engineering	Memo Item
Receipt For:	Aggregate Year-to-Date ▼	
Primary General Other (specify) ▼	400.00	
Full Name of Individual (Last, First, Middle I	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 07 2016
City	State Zip Code	Transaction ID : 20161005113156-49
Falls Church	VA 22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	46.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Dir Bus Mgmt	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 920.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dever, Carl, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-470 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Devoe, Robert, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-147 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Devore, Doug, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1323 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Devore, James, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-911 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Di Camillo, Nicholas, F, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-77 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Di Maggio, Anthony, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-270 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Prod Planning Sched Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

Name of Employer (for Individual)

General

Northrop Grumman

Primary

Other (specify)

Receipt For:

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Diacopoulos, Chris, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-456 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Diani, James, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-793 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dickinson, Dona, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-605 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee.

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620.00

Occupation (for Individual)

NG Fellow

Aggregate Year-to-Date ▼

Memo Item

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Diehl, Loretta, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1269 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Diles, Jane, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-18 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dilustro, Michael, G, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-79 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 7.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Matl Reqrmnt Planning Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 475.00 Other (specify) 52.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dismuke, Kim, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-526 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dittman, John, N, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-232 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dizon, Edwino, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-615 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 11.54 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 230.80 Other (specify) 91.54 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Doami, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2184 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dominy, W, T, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-386 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dooley, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-271 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 385.00 Other (specify) 79.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dorsett, David, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2741 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Country Chief Executive Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dorsey, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2606 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Doshi, Nimish, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2264 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and CFO Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 184.65 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Downie, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-34 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Doyle, Robin, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1126 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Process Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Drake, Dale, B, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-745 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Computer Systems Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Drake, Terrianne, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1395 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dres, Nicholas, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1752 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dreshfield, Kenneth, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1964 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dubia, Denise, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-757 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Compensation Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dubois, Susanne, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-926 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Duckworth, Steven, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-216 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Property Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 385.00 Other (specify) 84.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dullea, Lee Anne, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-19 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dulmovits, John, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-459 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Duncan, Kerron, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-283 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dunlap, Michelle, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1214 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Financial Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dunlap, Roger, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1905 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Financial Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 720.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dunlap, Tara, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1127 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 1050.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dunn, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1390 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Tax Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dunton, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1002 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Duong, Peter, G., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1581 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Eller, Wesley, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2825 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ellis, Flory, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2324 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Elmore, Susan, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-815 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 108.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Elpusan, Michelle, Y,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2374 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Eltringham, Walter, R, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-229 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Emerson, James, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1336 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Emerson, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2634 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Emery, Bethany, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1104 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Eng, Norman, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-368 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name English, Christopher, N,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1253 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ennis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2588 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ennis, William, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-344 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ensor, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-256 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 950.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Epperly, Wesley, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-852 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Epperson, Sean, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2464 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 14.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 280.00 Other (specify) SUBTOTAL of Receipts This Page (optional).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Esperne, Jeanine, V,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-26 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Espinoza, Luis, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1097 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 765.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Evans, Alexander, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-472 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 111.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Evans, Barbara, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-459 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr E Procurement Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Evans, Karen, Y,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-734 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Everett, Michael, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-393 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Evers Manly, Sandra, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1519 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Corporate Responsibility Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 3846.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fabis, John, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-998 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fagnant, John, W., Date of Receipt Mailing Address 2980 Fairview Park Dr. 2016 City State Zip Code Transaction ID: 20161005113156-706 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 312.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Farrington, Robert, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-44 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fath, Perry, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-30 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Faulkner, Allison, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-613 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fax, J, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-826 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fedenko, Christine, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-541 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Cyber Incident Response Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fedor, Paul, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-909 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 385.00 Other (specify) 99.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Feest, Dawn, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1144 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Feige, Jin, Y, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1809 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Feinberg, Paul, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1034 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 73.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Feldman, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-520 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Felix, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2663 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 380.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Felsman, Brian, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2023 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fernandez, Craig, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2105 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ferranto, Lawrence, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1047 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fewell, John, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-464 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 77.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fica, Tina, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2683 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 31.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 312.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Field, David, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-398 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Figueredo, Pedro, T, Date of Receipt Mailing Address 2980 Fairview Park Dr. 2016 City Zip Code State Transaction ID: 20161005113156-414 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.40 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 768.00 Other (specify) 89.65 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fitzgerald Simmons, Debra, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1989 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fitzpatrick, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2135 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Qual Assurance Policy Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Flach, Gloria, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-631 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 190.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp VP and COO Receipt For: Aggregate Year-to-Date ▼ Primary General 3800.00 Other (specify) 295.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flanagan, Glenn,,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-885 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flanagan, Karin, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-462 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Mergers and Acquisitions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flatt, John, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1192 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Site Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 196.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flattes, Christopher, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-52 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Contract Administrator Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 250.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flemate, Javier, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1827 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fleming, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-953 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 70.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fontenrose, Erin, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-87 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 249.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Forney, Sandra, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-633 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 780.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Forsyth, Stuart, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-762 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 96.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Forsythe, John, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1087 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Forte, Stephen, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-593 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Cost Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Foshay, William, G., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2331 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Freeman, Michael, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2459 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Logistics** Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Freeman, Michael, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1397 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Freeman, William, E, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-649 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Frei, Christopher, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1976 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Frei, Timothy, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1624 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Strat & Missions Solutions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Freije, Steven, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-991 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Employees of Northro		ation PAC	
Full Name of Individual (Last, F	rst, Middle Initial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview F	Park Dr		10 07 2016
City	State	Zip Code	Transaction ID : 20161005113156-1024
Falls Church	VA	22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		38.47
Name of Employer (for Individua	al) Occup	pation (for Individual)	Memo Item
Northrop Grumman	Engin	eer Software	
Receipt For:	Aggregate Y	ear-to-Date ▼	
Primary General Other (specify) ▼		769.40	
☐ Other (specify) ▼		703.40	_
Full Name of Individual (Last, F	rst, Middle Initial) or Full Org	ganization Name	
3. Fry, Roman, , ,			Date of Receipt
Mailing Address 2980 Fairview F	ark Dr		10 07 2016
City	State	Zip Code	
Falls Church	VA	22042-4511	Transaction ID: 2016100410254-2585 Amount of Each Receipt this Period
FEC ID number of contributing			
federal political committee.	[C]		19.25
Name of Employer (for Individual Northrop Grumman	,	pation (for Individual) Mechanical Engineering	Memo Item
Receipt For:	Aggregate Y	ear-to-Date ▼	
Primary General		395.00	7
Other (specify) ▼		385.00	_
Full Name of Individual (Last, F C. Fujimoto, Glenn, T.,	rst, Middle Initial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview I	Park Dr		M M / D D / Y Y Y Y
			10 07 2016
City Follo Church	State	Zip Code	Transaction ID : 2016100410254-1967
Falls Church	VA	22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		30.00
Name of Employer (for Individua	al) Occup	pation (for Individual)	Memo Item
Northrop Grumman	Dir Pro	ogram Control	
Receipt For:	Aggregate Y	ear-to-Date ▼	
Primary General Other (specify)		600.00	7
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gan, Jennifer, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2281 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gannon, David, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2166 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 218.46 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Garcia, William, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-755 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify)

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Garrison, Jeff, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1724 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Program Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gart, Angela, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1890 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gates, Michael, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2422 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Goodwin, Jeannette, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-611 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Intl Trade Compliance Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gough, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-125 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gould, Carl, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1473 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gray, Kathleen, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-371 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 520.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Graziano, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-202 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Green, Donald, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2738 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Elizabeth, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1532 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Green, Hilla, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1558 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 900.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Green, Joseph, G., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-587 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 104.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Greenfield, Karyn, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2565 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gregoire, James, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-70 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gregory, Paul, O, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1950 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 57.69 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Internal Audit** Receipt For: Aggregate Year-to-Date ▼ Primary General 1153.80 Other (specify) 121.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Greiner, Michael, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-792 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gribbins, Christopher, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-790 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 780.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gridley, Catherine, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2808 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 160.15 SUBTOTAL of Receipts This Page (optional).....

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	City	State	Zip Code		Transa	action ID : 20	01610051131	156-807	<u>, </u>
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guanu, Seth, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-256 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Guerrero, Ryan, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-696 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 676.90 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Guerrucci, Fernando, C., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-787 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guile, Carl, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2624 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Guine, Stephen, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1135 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gunther, Richard, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2045 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 88.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hajnos, Larry, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-398 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Facilities Maintenance Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Haladyna, John, N, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-461 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Haley, George, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-979 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 426.50 Other (specify) 79.25 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Halfant, Carlis, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-897 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hall, Jennifer, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-50 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Software Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hall, Randy, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2355 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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\setminus	NAME OF COMMITTEE (In Full) Employees of Northrop Grummar	n Corpora	ation PAC	
Α.	Full Name of Individual (Last, First, Middle Initial Hall, Richard, J, , Mailing Address 2980 Fairview Park Dr) or Full Orga	anization Name	Date of Receipt
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-199 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		27.00
	Name of Employer (for Individual) Northrop Grumman Receipt For:	Engine	ation (for Individual) eer Systems	Memo Item
	Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 324.00	
В.	Full Name of Individual (Last, First, Middle Initial Hall, Susan, T, , Mailing Address 2980 Fairview Park Dr) or Full Orga	anization Name	Date of Receipt
	City Falls Church	State VA	Zip Code 22042-4511	10 07 2016 Transaction ID : 2016100410254-1152 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee. Name of Employer (for Individual)	Occupa	ation (for Individual)	20.00 Memo Item
	Northrop Grumman		ommunications	
C.	Full Name of Individual (Last, First, Middle Initial Haller, William, J, , Mailing Address 2980 Fairview Park Dr City) or Full Orga	anization Name	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-628
	Falls Church FEC ID number of contributing federal political committee.	VA	22042-4511	Amount of Each Receipt this Period 20.00
	Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General	1	ation (for Individual) ct Trainer ear-to-Date ▼	Memo Item
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hamilton, Ellen, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-518 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Public Relations Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hamlin, Donald, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-213 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hamlin, John, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1026 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer RF Microwave Design Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 84.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hamman, Eric, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-998 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hammer, Michael, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-988 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Han, Dean, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2253 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hanft, Thomas, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-141 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hanna, Gregory, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-559 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Planning Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 420.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hansen, Brian, K, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-731 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 61.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harang, James, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-405 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hardester, Edward, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-225 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 760.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hardesty, Michael, A., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1529 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 190.82 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp VP Controller and CAO Receipt For: Aggregate Year-to-Date ▼ Primary General 3816.40 Other (specify) 250.82 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hare, Thea, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-296 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Harper-Hall, Vicky, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr. 10 2016 City State Zip Code Transaction ID: 2016100410254-1619 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Harrar, Teresa, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-200 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harrington, Timothy, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-285 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and Controller Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1080.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harris, Steven, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-468 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Harrison, David, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-718 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hart, James, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-163 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Material Distribution Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hartmann, Erik, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1199 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Harvey, Cassandra, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1216 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Process Improvement Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 98.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harvey, Charles, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2348 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hasegawa, Ken, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1008 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hauser, Michael, B., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-436 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hauser, Nancy, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-415 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hauser, Richard, H,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-408 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 230.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Havens, William, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-502 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hays, Kathleen, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1427 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hays, Kevin, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-673 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hayward, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-607 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 107.69 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henderson, Robert, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1446 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hendrix, Heidi, N,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2801 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 62.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1250.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hensler, Joseph, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1471 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 102.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hensley, Nancy, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2657 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Pgm Cost Sched&Cntrol Anlyst Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Herbermann, Carl, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-43 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hereau, Joseph, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1115 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoang, Thanh, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-804 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoang, Vu, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2309 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hodges, Gregory, L., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-208 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoffman, Scott, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1107 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoffmann, Joseph, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1019 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hoffmaster, Erich, V, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-989 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hom, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1637 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoon, Carl, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1335 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hooten, Leah, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-683 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 103.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ingenito, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-369 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Inumerable, Gerardo, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2366 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Inzana, Ernest, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-848 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Isabelle, Jeanne, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-71 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Network Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jackson, Clyde, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-14 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jackson, Gregory, K., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1871 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Javier, Vincent, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-20 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jazwiecki, Jeffrey, T, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1404 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jenkins, James, H, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2809 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johansson, Rick, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1704 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. John, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-615 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Johnson, Beth, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1057 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Charles, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1185 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-33 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, Esther, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2358 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 93.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 FOR LINE NUMBER: PAGE 314 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, William, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2838 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General 385.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, William, H, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-816 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnston, Barbara, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-707 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Corey, N,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-245 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 710.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, David, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2207 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Gregory, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1081 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Marshall, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-396 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-53 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 780.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Michael, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-962 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 104.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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fo D Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jordan, John, I,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2497 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Josephs, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-375 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Joshi, Naveen, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-921 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kagiwada, Reynold, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1688 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kahr, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-151 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Matl Process Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kaji, Karen, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1658 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Budget Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kantner, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-128 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 48.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Karylyle, Brett, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-257 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kasbeer-Betty, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1005 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 93.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kassner, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-235 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Keane, Zachary, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1095 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Physicist** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Keeton, Bruce, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1407 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 103.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Keldsen, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-474 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Staffing Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Keller, Gina, U,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1504 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Keller, Mark, V,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2121 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelley, Jon, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-369 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 55.65 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1113.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kelly, Maureen, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-932 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kelly, Maureen, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-505 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) 135.65 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kenny, Michael, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-380 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kent, Christopher, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1534 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kerr-Uriarte, Jane, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2628 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kitay, Richard, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-104 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Klein, Robert, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-252 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1923.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kleinman, Sharlene, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2284 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 250.00 Other (specify) 154.62 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Klimek, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-272 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kling, David, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2276 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Klippenstein, Wayne, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-969 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 540.00 Other (specify) 85.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Klyza, Stanley, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-23 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Knauth, David, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-173 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Knerr, Timothy, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-570 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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General

SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Knollenberg, Perry, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1403 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Knott, Charles, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-250 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Design Engineering Receipt For:

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Full Name of Individual (Last, First, Middle In Knowles, Kevin, D, , Mailing Address 2980 Fairview Park Dr	itial) or Full Orga	anization Name	Date of Receipt 10 07 2016
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Koehn, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2557 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Koelemay, Maurice, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1232 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Koenig, Kurt, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-513 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 692.28 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kohlmiller, Cindy, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1988 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kolasinski, Arthur, H, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-490 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software Quality** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Konapelsky, Richard, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-176 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kountz, Linnea, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-468 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Embedded Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kowalchik, Richard, T, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2514 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kramer, Diane, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1373 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 56.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1120.00 Other (specify) 116.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kraus, Ronald, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-322 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Krause, George, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-242 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Krause, Thomas, N., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-847 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kubilus, Stuart, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-421 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kubo, Daniel, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1641 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kubo, Kenneth, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-798 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kuester, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-617 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kumamoto, Dan, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2014 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kunitake, Gary, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1879 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kunkee, Elizabeth, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-880 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kurfurst, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-935 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kuritz, Steven, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1303 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Eun, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2313 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Leonard, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-972 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, Scott, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-146 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 89.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leimkuhler, Matthew, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-136 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 23.08 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 461.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lemons, Kerry, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2500 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lentz, Robert, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2356 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 144.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Loggins, Henry, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2347 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lohneiss, Robert, F, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-109 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Long, William, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2666 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Technical Services** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lopresti, Gordon, T, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-91 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 728.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lorenz, John, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-614 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lott, James, T, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1491 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 225.00 Other (specify) 82.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Louden, Philip, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1078 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Louie, Patricia, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2107 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Love, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1409 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 713.82 Other (specify) 107.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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720 PAGE 388 OF Use separate schedule(s) ITEMIZED RECEIPTS for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lucka, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2473 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Luebbe, Charles, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-937 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 560.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lueck, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1729 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 73.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lugo, Lorraine, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1495 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Quality** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Luhrs, B, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2188 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lukenbill, Curtis, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2449 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems Test** Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lum, Randall, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2433 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lunglhofer, Jon, R, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-375 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lunny, Steven, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-95 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 112.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lupica, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-39 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lurie, Howard, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-120 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 729.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lurie, Richard, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-167 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 116.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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720 PAGE 392 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lyles, Donald, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-840 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lyon, Charles, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2806 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lytle, Alan, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1061 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 153.84 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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720 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maas, David, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-463 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mabee, Heather, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-808 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Macaleer, Pamela, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-737 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 769.40 Other (specify) 97.70 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mace, Barbara, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-272 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Maceyko, Michael, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1413 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Macias, Hector, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-711 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 820.00 Other (specify) 110.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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В.	Magnelli, Joseph, A, ,				Date of Receipt
	Mailing Address 2980 Fairview Park Dr				M = M / D = D / Y = Y = Y
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C.	Magness, Charles, , ,				Date of Receipt
	Mailing Address 2980 Fairview Park Dr				10 07 2016
	City	State		Zip Code	Transaction ID : 2016100410254-659
	Falls Church	VA		22042-4511	Amount of Each Receipt this Period
	FEC ID number of contributing	С			96.15
	federal political committee.				30.13
	Name of Employer (for Individual)	0	ccupa	tion (for Individual)	Memo Item
	Northrop Grumman	I .		gram Management	_
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maguire, Kevin, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-121 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 725.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mahoney, Bryan, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1835 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 900.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mahoney, Mathew, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1716 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mahoney, Phillip, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1281 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Makrygiannis, Konstantinos, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-517 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 900.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Malone, Terri, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-994 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 112.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mare, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-821 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mark, Jeffrey, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-121 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Markow, Abel, J, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1288 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marks, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-944 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Markson, Allen, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-528 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Marrs, Kevin, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1430 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 64.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marsh, Chase, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2778 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Proposal Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Marshall, Aaron, T, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-666 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Marshall, Jill, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-657 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marshall, Kellee, D, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1366 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Martin, Aaron, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2735 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martin, Gerard, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-30 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 126.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martinez, Harold, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1711 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 385.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Martinez, Noe, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1283 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martinez, Oscar, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-732 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 79.25 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Massey, Brian, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1480 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Process Improvement Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mastin, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1401 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Masukawa, Glenn, T, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2004 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCaffrey, Mary Rose, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2877 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Corporate & ES Security Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1249.95 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCain, Kenneth, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2257 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McCaleb, Robert, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2798 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 154.61 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCallam, Dennis, H,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-636 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCammon, Gregory, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1332 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McCarthy, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-221 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McClain, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1987 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 105.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Communications** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 2100.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCloud, Thomas, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-413 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCord, Joseph, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-750 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 162.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 FOR LINE NUMBER: PAGE 414 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCormick, Cheryl, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1853 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCotter, Ralph, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-694 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Field Engineering Svcs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCreesh, John, F., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-306 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional).....

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720 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCue, Donald, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-508 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Finance Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCune, Robin, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2791 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McDaniels, Joseph, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-33 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) 93.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McElroy, Sandy, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1698 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mamt Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McEwen, Elizabeth, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-630 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McGarey, Jennifer, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2722 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp VP and Secretary Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 166.15 SUBTOTAL of Receipts This Page (optional).....

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			by any person for the purpose of soliciting contributions from such committee to solicit contributions from such committee	
	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	Corporation PAC		
١.	Full Name of Individual (Last, First, Middle Initial) McGlade, Christine, A, ,	or Full Organization Name	Date of Receipt	
	Mailing Address 2980 Fairview Park Dr		10 07 Y Y Y Y T T T T T T T T T T T T T T T	Y
	City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 2016100410254-38 Amount of Each Receipt this Period	31
	FEC ID number of contributing federal political committee.	C	96.1	5
	Name of Employer (for Individual) Northrop Grumman Receipt For:	Occupation (for Individual) VP Production Operations	Memo Item	
	Heceipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 1923.	3.00	
3.	Full Name of Individual (Last, First, Middle Initial) McGoldrick, James, E, , Mailing Address 2980 Fairview Park Dr	or Full Organization Name	Date of Receipt	Y
	City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 20161005113156-6 Amount of Each Receipt this Period	66
	FEC ID number of contributing federal political committee.	C	21.0	0
	Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Programs	Memo Item	
_	Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 420.	0.00	
).	Full Name of Individual (Last, First, Middle Initial) McGuire, Elizabeth, L, ,	or Full Organization Name	Date of Receipt	
	Mailing Address 2980 Fairview Park Dr		10 07 2016	
	City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 20161005113156-8 Amount of Each Receipt this Period	39
	FEC ID number of contributing federal political committee.	C	25.0	
	Name of Employer (for Individual) Northrop Grumman Receipt For:	Occupation (for Individual) Mgr Govt Marketing Sales	Memo Item	
	Primary General Other (specify)	Aggregate Year-to-Date ▼ 500.		
SI	UBTOTAL of Receipts This Page (optional)			5
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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McHugh, Donald, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-54 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and Controller Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McHugh, James, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1018 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McKenney, Gregory, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-843 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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720 FOR LINE NUMBER: PAGE 419 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McKenzie, Fred, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-405 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McKinney, Alan, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-978 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Public Relations Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McKinney, Lloyd, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1614 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 64.23 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McLaughlin, Sean, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-376 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineerng Sciences Sppt Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McLean, Alder, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-166 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Manufacturing Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McLean, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-928 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McLemore, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2834 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Legislative Affairs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 2500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McMahon, Patricia, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-345 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McMillan, Bryan, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-358 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) 246.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee.

NAME OF COMMITTEE (In Full) Employees of Northrop Grum	ıman Corpora	ation PAC	
Full Name of Individual (Last, First, Middle McMurray, Justin, R, ,	Date of Receipt		
Mailing Address 2980 Fairview Park Dr	10 07 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y		
City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-1439 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		38.46
Name of Employer (for Individual) Northrop Grumman		pation (for Individual)	Memo Item
Receipt For: Primary General Other (specify) ▼		ear-to-Date ▼ 769.20	
Full Name of Individual (Last, First, Middle McNiece, Michael, R, ,	Date of Receipt		
Mailing Address 2980 Fairview Park Dr City	State	Zip Code	10 07 2016
Falls Church	VA	22042-4511	Transaction ID : 2016100410254-2550 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		20.00
Name of Employer (for Individual) Northrop Grumman	Occup NG F	oation (for Individual) ellow	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Y	ear-to-Date ▼ 400.00	
Full Name of Individual (Last, First, Middle McPherson, Sonja, S, ,	Initial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr			10 07 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 20161005113156-378 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		50.00
Name of Employer (for Individual) Northrop Grumman		ation (for Individual) dministration	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 1000.00	
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McQueen, Jennifer, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2499 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Team Leader Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McQueen, Matthew, F, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-563 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McSweeny, Mary, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-89 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Investor Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 190.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Meade, Carl, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1256 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Meaney, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-41 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Medalle, Katherine, E, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-625 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.74 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 746.36 Other (specify) 110.74 SUBTOTAL of Receipts This Page (optional).....

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation PAC					
Full Name of Individual (Last, First, Middle In Medina, Jose, , , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code VA 22042-4511 C Occupation (for Individual) Mgr Prod Planning Sched Aggregate Year-to-Date 780.00	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-1899 Amount of Each Receipt this Period 39.00 Memo Item				
Full Name of Individual (Last, First, Middle In Meesuk, Kasempath, , , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code VA 22042-4511 C Occupation (for Individual) Mgr Programs Aggregate Year-to-Date 372,50	Date of Receipt M M / D D / 2016 Transaction ID : 2016100410254-801 Amount of Each Receipt this Period 21.50 Memo Item				
Full Name of Individual (Last, First, Middle In Mehltretter, Marie, , , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code VA 22042-4511 C Occupation (for Individual) Pgm Cost Sched&Cntrol Anlyst Aggregate Year-to-Date 400.00	Date of Receipt 10 07 2016 Transaction ID: 20161005113156-703 Amount of Each Receipt this Period 20.00 Memo Item				
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Melcher, Mary, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2244 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Meloro, Marianne, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-440 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mendez, Michael, K, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2120 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Milewski, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-59 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Dir Product Management** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miller, Christopher, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-262 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Bus Sales Dev Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Miller, Dawn, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-555 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 61.74 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1191.32 Other (specify) 101.74 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Diane, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2209 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Cyber Intelligence Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miller, Edward, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-512 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Miller, Gregory, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2713 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Minor, Franklin, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1114 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mistry, Bhavin, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2709 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 385.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mitchell, Geoff, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2639 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 692.28 Other (specify) 76.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Monson, Ken, V,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1498 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Montgomery, John, P, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1107 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.85 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 777.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moon, He, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2142 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 97.31 SUBTOTAL of Receipts This Page (optional).....

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Full Name of Individual (Last, First, Middle In Moore, Corey, S, ,	itial) or Full Org	anization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr			10 07 2016
City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-1618 Amount of Each Receipt this Period
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Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 1000.00	

Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moore, Ellen, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2510 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 120.00

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morales, Laura, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1278 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Pgm Cost Sched&Cntrol Anlyst Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 215.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Moran Duff, Jeannette, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-24 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morgan, Harold, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-685 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moriconi, Andrew, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-206 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 42.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 857.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Morimoto, Warren, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-718 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Morra, Brian, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-377 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 122.86 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Munafo, Susan, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-126 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Munger, Lesley, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1128 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mission Assurance** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Murnane, John, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2029 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Murray, Melanie, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2320 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Pgm Cost Sched&Cntrol Anlyst Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Murray, Nicholas, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-967 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 410.46 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Musson, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-361 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 93.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Myers, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1630 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Enterprise Initiatives** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1540.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Myers, Joseph, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-185 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Myers, Mark, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-963 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 56.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 1090.00 Other (specify) 153.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nagayama, Verne, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2226 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nance, Murray, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1081 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nanzer, Ralph, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1807 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Natarajan, Prabu, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2746 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Management** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Navale, Sunil, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-477 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and CFO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Navarro, Sergio, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2090 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 200.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Naylor, Edward, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-924 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nealon, Brian, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-261 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 34.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Neary, Patrick, F., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1803 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nee, Nathan, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1485 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Neebe, Mark, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-58 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nehring, Daniel, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-58 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Test Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Neiman, Michele, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-724 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nelson, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2242 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 900.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nelson, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2622 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 121.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nelson, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-243 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 11.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Market Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 467.14 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nelson, Rhonda, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1997 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1924.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nelson, Robert, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2154 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 145.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nelson, Shannon, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-583 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Neubauer, Steven, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2726 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 211.53 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Neves, Carol, L., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-407 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1300.00 Other (specify) 124.23 SUBTOTAL of Receipts This Page (optional).....

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	I Statements may not be sold or used by any pers the name and address of any political committee to	
NAME OF COMMITTEE (In Full) Employees of Northrop Grumr	man Corporation PAC	
Full Name of Individual (Last, First, Middle Neves, Stanley, J, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 01 2016
City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 20161005113156-708 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С	65.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Contract Admin	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 1300.00	
Full Name of Individual (Last, First, Middle Newell, Lisa, P, , Mailing Address 2980 Fairview Park Dr	Initial) or Full Organization Name	Date of Receipt
City Falls Church	State	10 07 2016 Transaction ID : 2016100410254-2839 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C 22042-4311	Amount of Each Receipt this Period 62.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Dir Business Development	Memo Item
Receipt For: Primary General Other (specify) ▼	Aggregate Year-to-Date ▼ 496.00	
Full Name of Individual (Last, First, Middle Newlin, Craig, S, ,	Initial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr		10 07 2016
City Falls Church	State Zip Code VA 22042-4511	Transaction ID : 2016100410254-1080 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	20.00
Name of Employer (for Individual) Northrop Grumman	Occupation (for Individual) Mgr Systems Engineering	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 400.00	
SUBTOTAL of Receipts This Page (optional).		147.00
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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ng, Kon, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1050 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Numerical Control Pgmr Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nguyen, Megan, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-805 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ni, Sean, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1134 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

ITEMIZED RECEIPTS

Name of Employer (for Individual)

Northrop Grumman

Primary

Other (specify)

Receipt For:

SCHEDULE A (FEC Form 3X) 720 FOR LINE NUMBER: PAGE 463 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nicholas, Charles, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-603 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nichols, Steven, H, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1202 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nichols, William, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1365 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee.

Occupation (for Individual)

Engineer Systems Aggregate Year-to-Date ▼ General 800.00 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 FEC Schedule A (Form 3X) Rev. 06/2016

Memo Item

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Niermeyer, Christopher, B,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-662 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nieva, Nelson, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2509 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Proposal Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nikolaus, Alfonse, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1966 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nissen, Lawrence, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2732 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nolan, Joan, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-983 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nold, William, F, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-744 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Auditing Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X) 720 FOR LINE NUMBER: PAGE 466 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Norcross, Joshua, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2262 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Material Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Northrup, Alan, J, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2687 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs C

Aggregate Yea	ar-to-Date ▼ 400.00			
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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nottingham, Steven, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-386 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nowicke, Roger, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-503 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nowicki, Susan, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-101 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) 102.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Connor, Charles, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-336 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Connor, Sean, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2803 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Donnell, Michele, T, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2002 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Computer Sys Security Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Gara, Stanley, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-320 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Subcontract Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** O'Geary, Tracie, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2475 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Hara, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-134 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Loughlin, Nina, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2171 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** O'Reilly, Elaine, F, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-103 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Technical Services Proj Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Toole, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1489 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional).....

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ochoa, Miguel,,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-943 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Odin, Frank, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-158 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 455.00

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Opdahl, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-700 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 3846.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Operacz, Stefani, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2325 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Oppenlander, Charles, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1687 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 252.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oravetz, Debra, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-562 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Orchard, Curtis, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1465 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Orlowski, Christian, T, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2057 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.06 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Osiniak, Donald, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-910 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Owen, Gary, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1743 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Owens, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Technical Services** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Owens, Steven, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1171 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oxford, Rosemary, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-883 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 385.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ozarowski, Mark, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-297 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Supply Chain Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 89.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paliwoda, Lucy, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-751 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palm, Tod, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1599 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr R and D Portfolio Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Palmer, Jill, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-682 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palmer, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1893 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Auditor Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palombo, Jeffrey, Q, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-31 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Palusamy, Arun, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-553 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 224.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paraskevopoulos, Nicholas, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-130 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Parker, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-513 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1923.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parkinson, Charles, A., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2038 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) 235.15 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parsons, Dawn, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1273 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Parsons, Mark, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2099 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parsons, Richard, K., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-187 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Partridge, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-199 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Parys, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1405 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Patel, Chandrakant, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-846 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 96.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paul, Daniel, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-935 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pauly, Stephen, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-81 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pawelka, Robert, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-180 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Payne, Eddy, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2451 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Paz, Arnaldo, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1878 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pearson, Curtis, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-234 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pefley, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-561 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 180.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 3600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pela, Fabrizio, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1399 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 780.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pena, Valentina, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-486 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 259.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perazzo, Diane, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-394 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Perez, Maribel, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2608 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perez, Maryann, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1550 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peterka, Patricia, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1494 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Peters, Allen, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2258 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Peters, Douglas, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-92 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peters, Larry, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-36 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Peters, Nancy, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1593 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Peterson, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-547 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Petri, Steven, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-131 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Petrie, Arnold, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2538 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Petryszyn, Mary, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1088 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1730.70 Other (specify) 141.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Full Name of Individual (Last, First, Middle Pipes, Ronald, N, , Mailing Address 2980 Fairview Park Dr	Initial) or Full O	rganization Name	Date of Receipt M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-1736 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.		20.00	
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Occupation (for Individual)

Chief Engineer

Aggregate Year-to-Date ▼

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pocius, Charles, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-593 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 386.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pohl, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1936 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pohner, John, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-831 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 59.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Radford, Edward, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-22 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ragan, Steven, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2443 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 32.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Raiford, Richard, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-621 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1300.00 Other (specify) 152.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rains, Lon, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2537 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 1500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Raksnys, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1861 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ramirez, Miguel, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-111 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ramme, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-391 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ramsay, Stacey, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2882 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Cost Estimating Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rand, Donna, K, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-367 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 156.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Randolph, Thomas, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2477 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rao, Sudhakar, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2701 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Raraigh, Brendon, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-186 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 98.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ray, Richard, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-974 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Configuration Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reams, Brett, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-144 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rebman, Elizabeth, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-395 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 64.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	an Corpo	ration PAC	
Full Name of Individual (Last, First, Middle Init Rechen, Daniel, J, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State VA C Occ Eng Aggregate	Zip Code 22042-4511 upation (for Individual) ineer Mechanical Year-to-Date ▼ 400.00	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-2579 Amount of Each Receipt this Period 20.00 Memo Item
Full Name of Individual (Last, First, Middle Init Redmond, Martin, B, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State VA C C Occ	Zip Code 22042-4511 upation (for Individual) Project Management Year-to-Date ▼	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-2789 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle Init Reed, Darryl, M, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State VA C C Occo	Zip Code 22042-4511 upation (for Individual) Govt Marketing Sales Year-to-Date ▼ 260.00	Date of Receipt 10 07 2016 Transaction ID: 20161005113156-1004 Amount of Each Receipt this Period 10.00 Memo Item
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TOTAL This Period (last page this line number of	only)		

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reichenbaugh, John, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-178 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reid, Paul, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-102 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reid, Ryan, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-892 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reid, Samuel, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-317 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reilly, Pamela, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-450 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinberger, David, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2143 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reinert, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-830 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reinke, Richard, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-350 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinl, Catherine, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2379 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 830.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional).....

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SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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	Primary General Other (specify) ▼	Aggregate Ye	500.00	
C.	Full Name of Individual (Last, First, Middle In Remington, Jonathan, R, , Mailing Address 2980 Fairview Park Dr	itial) or Full Orga	anization Name	Date of Receipt 10 07 2016
	City Falls Church FEC ID number of contributing federal political committee.	State VA	Zip Code 22042-4511	Transaction ID: 2016100410254-458 Amount of Each Receipt this Period 96.15
	Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)		ation (for Individual) d Controller ear-to-Date ▼ 1923.00	Memo Item

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Remy, Mike, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1617 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Renard, Guy, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1663 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Reyes, Tarik, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-10 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 166.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reynolds, Andrew, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1592 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reynolds, Shaugnessy, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2395 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rhine, Sam, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-492 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 156.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rich, Edward, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-205 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Richard, Kenneth, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1633 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Richard, Patrick, K, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-219 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 11.54 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.80 Other (specify) 71.54 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richardson Scott, Candace, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2558 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Richter, Gary, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-177 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rigby, David, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-60 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 102.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Riippa, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2603 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ringsby, Kathleen, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2562 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ringstaff, Denene, Y., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2465 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 62.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Robinson, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-36 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Robinson, Kenneth, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2362 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robinson, Robert, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-806 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 98.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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3.	Rodriguez, Patricia, A, ,					Date of	f Receipt		
	Mailing Address 2980 Fairview Park Dr	Ι -	1			10	07	2016	Y
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	Mailing Address 2980 Fairview Park Dr					10	07	2016	Y
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rovnack, George, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-156 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rubcic, Peter, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1501 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ruf, Kimberly, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2708 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Sum Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scarpella, Michelle, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1387 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Logistics Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scattergood, Virginia, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2757 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 692.28 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schaedel, Kurt, R., Date of Receipt Mailing Address 2980 Fairview Park Dr

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scheuer, Donald, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-156 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schineis, John, O,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-137 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Subcontracts Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schissel, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-425 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schlakman, Jo Anne, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-209 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schlegel, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-702 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schmuff, John, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-288 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) 123.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Α.	Full Name of Individual (Last, First, Middle Initi-Schovel, Michael, C , ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Dr			10 07 2016				
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-2478 Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	C		19.24				
	Name of Employer (for Individual) Northrop Grumman		ation (for Individual) rograms	Memo Item				
	Receipt For: Primary General Other (specify) ▼	eceipt For: Primary General Aggregate Year-to-Date ▼						
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	Mailing Address 2980 Fairview Park Dr			10 07 2016				
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-693 Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	C		40.00				
	Name of Employer (for Individual) Northrop Grumman		ation (for Individual) ntract Admin	Memo Item				
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼					
С .	Full Name of Individual (Last, First, Middle Initi Schramke, Richard, W, ,	al) or Full Orga	anization Name	Date of Receipt				
	Mailing Address 2980 Fairview Park Dr			10 07 2016				
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID: 2016100410254-920 Amount of Each Receipt this Period				
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schwatka, Elizabeth, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-759 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scott, Daniel, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-304 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scott, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1782 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seitz, Daniel, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-527 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Seitz, Thomas, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-617 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Selby, David, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-516 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 10.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Facilities** Receipt For: Aggregate Year-to-Date ▼ Primary General 210.00 Other (specify) 70.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Senna-Jackson, Jane, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-38 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mamt Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sepp, Eric, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-297 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sesto, Paul, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-183 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 72.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shaw, Lee, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-129 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shea, Charles, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-29 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shea, Elizabeth, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-315 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sheehan, Robert, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1968 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sheffield, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-883 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shekar, Sam, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2691 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Chief Medical Officer** Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) 102.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shelton, Joseph, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2858 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 211.53 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shepherd, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2763 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sheppard, Christopher, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-658 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 114.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sherwin, Marc, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-77 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 740.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shields, Robert, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1166 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shinagawa, Jeffrey, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1996 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shumpert, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-637 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sicard, Glenn, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-447 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Embedded Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sicardi, Peter, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-404 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Subcontract Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Siddiqui, Mansoor, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2058 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sidor, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-594 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Siegal, Howard, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1077 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Silvia, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1012 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Simer, Gregory, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-123 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simerly, Carolyn, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1382 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 77.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC	
Full Name of Individual (Last, First, Middle In Simons, Carrie, L, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code VA 22042-4511 C Occupation (for Individual) Mgr Mfg Engineering Aggregate Year-to-Date 800.00	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-2183 Amount of Each Receipt this Period 40.00 Memo Item
Full Name of Individual (Last, First, Middle In Simpkins, Frank, P, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code VA 22042-4511 C Occupation (for Individual) Dir Programs Aggregate Year-to-Date 500,000	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-509 Amount of Each Receipt this Period 25.00 Memo Item
Full Name of Individual (Last, First, Middle In Simpson, James, K, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State Zip Code 22042-4511 C Occupation (for Individual) Dir Mission Assurance Aggregate Year-to-Date 500.00	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-2372 Amount of Each Receipt this Period 25.00 Memo Item
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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simpson, Kathryn, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2785 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Deputy General Counsel Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sinsheimer, Jeanne, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1734 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sit, Maria, I, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2275 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sivo, Brett, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-122 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Skidmore, John, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2338 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Skinner, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2363 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Slarich, Julie, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-508 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Prod Support Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Slate, Nathan, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-703 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Slavin, David, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1615 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Engineer Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smidt, Nancy, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2703 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Smith, Becky, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-4 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Smith, Bissell, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1064 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Prod Support Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Full Name of Individual (Last, First, Middle Ir Smith, James, B, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General	State VA C	Zip Code 22042-4511 Lupation (for Individual) Bus Mgmt Year-to-Date 400.00	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-1454 Amount of Each Receipt this Period 20.00 Memo Item
Tull Name of Individual (Last, First, Middle Ir Smith, Lauri, C, , Mailing Address 2980 Fairview Park Dr City Falls Church	State	4-14-14-1	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-690 Amount of Each Receipt this Period
FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: □ Primary □ General □ Other (specify) ▼	Mg	cupation (for Individual) r Bus Mgmt Year-to-Date 500,00	Memo Item
Full Name of Individual (Last, First, Middle In Smith, Leslie, M, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State VA C	Zip Code 22042-4511 Lupation (for Individual) Program Management Year-to-Date ▼ 800.00	Date of Receipt 10 07 2016 Transaction ID: 2016100410254-547 Amount of Each Receipt this Period 40.00 Memo Item
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Snodgrass, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2636 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Snyder, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-475 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Snyder, Sheppard, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-266 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 365.37 Other (specify) 84.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Soard, Thomas, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-874 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Soeder, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-543 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 780.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sokoloski, Robin, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-582 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 2910.00 Other (specify) 159.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Solberg, Eric, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2349 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Information Sys Project Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Solomon, Margaret, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-148 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sommers, William, T., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-642 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 94.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Song, Ike, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-823 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 3846.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Soni, Aunali, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-976 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sorensen, Trent, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1049 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) 250.80 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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	NAME OF COMMITTEE (In Full)			
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Α.	Full Name of Individual (Last, First, Middle Initial Spada, Carl, R, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Dr			10 07 2016
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 20161005113156-226 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	C		50.00
	Name of Employer (for Individual) Northrop Grumman	'	ation (for Individual) rograms	Memo Item
	Receipt For: Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 1000.00	
В.	Full Name of Individual (Last, First, Middle Initial Spangler, Megan, E, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Dr	T7: 0 1	10 07 2016	
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID : 2016100410254-418 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	20.00		
	Name of Employer (for Individual) Northrop Grumman		ation (for Individual) rograms	Memo Item
	Receipt For: Primary General Other (specify) ▼	ear-to-Date ▼ 400.00		
<u> </u>	Full Name of Individual (Last, First, Middle Initi Spause, Paul, J, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Dr			10 07 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042-4511	Transaction ID: 20161005113156-954 Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		25.00
	Name of Employer (for Individual) Northrop Grumman	Occupa Engine	ation (for Individual) er	Memo Item
	Receipt For: Primary General	Aggregate Ye		
	Other (specify)		500.00	
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sprayberry, Billy, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2642 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Springer, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1017 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sprinkle, Tamara, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2672 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Intl Trade Compliance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name St John, Kevin, B, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-277 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. St. Rock, John, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-108 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stack, David, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-42 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stanley, Paul, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2794 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1900.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stapel, Linda, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-940 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Prod Plng and Scheduler Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stapp, Richard, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2843 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Research Receipt For: Aggregate Year-to-Date ▼ Primary General 576.90 Other (specify) 216.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stephens, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1014 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stephenson, James, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1001 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sterk, Kenneth, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1892 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stern, Philip, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1074 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Engineer Guidance Nav Ctrl** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stevens, James, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1013 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stevens, Lauren, I, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1863 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 108.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Strickenburg, Mark, R, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-421 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stripinis, Jason, M, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-97 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Struemph, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1341 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sturms, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-726 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stutzman, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-194 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Styzek, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-511 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 135.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Suloway, Theresa, H,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-774 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Cyber Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sulyma, Alexis, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-479 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Summers, Charles, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-812 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 109.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tack, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2750 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tallie, Diana, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2046 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tamm, Regina, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1071 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 84.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 631 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 12 11c Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tate, William, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-879 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Taylor, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1217 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼

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Full Name of Individual (Last, First, Middle Init Taylor, Hugh, E, , Mailing Address 2980 Fairview Park Dr	tial) or Full Orga	anization Name	Date of Receipt 10 07 2016
City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	Transaction ID : 2016100410254-279 Amount of Each Receipt this Period 150.00 Memo Item		
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taylor, Kevin, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-774 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Taylor, Lisa, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2554 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Telford, Clifford, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-671 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 238.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Terry, Darby, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-629 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tessier, Jewell, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-985 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 742.28 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tetreault, Mary, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-715 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Business Mgmt Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Teufel, Paul, D, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-237 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Texter, Scott, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-943 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thomas, Jill, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1321 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Charles, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-294 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mamt Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, Claude, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-869 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 401.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, Kristen, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-469 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 PAGE 637 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-992 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, William, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-47 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thompson Harmon, Denise, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-832 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thomson, Brent, H,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1426 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thornhill, David, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1208 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Business Development Rep** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thornton, John, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-149 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.55 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 771.00 Other (specify) 82.78 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tiet, Tri, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-802 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Manufacturing** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tiller, Lawrence, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-761 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Tinsley, John, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-755 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tintner, Ryan, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-652 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 692.28 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tirabassi, Maria, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1463 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tobias, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1828 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Toland, Brent, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1065 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CIO Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tolliver, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2122 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tomlinson, Thomas, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2208 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 3846.00 Other (specify) 282.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Trad, Tarik, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1612 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Website Designer Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tran, Hao, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-802 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Trillo, Kristine, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-291 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Material Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 77.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Valiquette, Valmore, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1481 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Subcontract Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Van Noppen, Arthur, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2082 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Van Schilfgaarde, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1497 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Van Sickle, Candice, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-64 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vander Lugt, Robert, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2269 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Vanhooser, Darris, C., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1241 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Electronics** Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 89.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vembar, Gopal, S, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2413 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Venson, Brian, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1218 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Verwiel, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1429 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 135.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 PAGE 661 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vetere, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1460 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) EEO and Diversity Rep Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vetere, Susan, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-345 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Supply Chain Planning Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vice, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1254 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 190.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corp VP and President AS Receipt For: Aggregate Year-to-Date ▼ Primary General 3800.00 Other (specify) 240.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vieten, Thomas, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-169 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vill, Marc, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1648 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Matl Process Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vinson, Jeffrey, A, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-314 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 98.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Viramontes, Alan, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2793 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Pgm Cost Sched&Cntrol Anlyst Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vlietstra, Joseph, P, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-794 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Volk, Charles, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-879 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 180.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vollmer, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1223 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Production Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Voneiff, Mary, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-990 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Voss, Larry, K, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2093 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Votta, Guy, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-624 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP ES Operations and Int'I Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 1780.70 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vrzak, Susan, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1136 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wackerman, Damian, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-453 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 155.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wada, John, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1985 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 420.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Waddell, Dwayne, K,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1117 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Field** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wade, Desma, J., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-793 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 110.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Service Center Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 2080.00 Other (specify) 151.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wade, Pamela, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-734 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wade, Susan, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-678 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 492.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wagner, Anne, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-1064 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 108.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Waldie, Dean, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1109 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Waldie, Suzi, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1600 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walke, Robert, L., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1030 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walker, Bruce, V,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-767 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walker, Charlton, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-818 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Deputy Sector Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walker, Frederick, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-179 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 900.00 Other (specify) 123.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walker, Jesse, B, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-801 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Planning Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 712.19 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walker, Maria, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1130 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 440.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wallize, Courtney, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-550 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Compliance and Ethics Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 98.96 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walraven, James, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2247 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 486.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walsh, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1209 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Technical Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ward, Datril, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2400 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 83.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 PAGE 673 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ward, Jan, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-595 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ward, Tammy, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2474 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Software Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Watkins, Scotty, L, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-882 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Watson, Dennis, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2407 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Watson, Gabe, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-13 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Way, Stephen, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-32 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) 158.46 SUBTOTAL of Receipts This Page (optional).....

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720 PAGE 675 OF Use separate schedule(s) for each category of the 11c 12 Detailed Summary Page 13 14 15 16

Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wazenski, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: D9A8837BE78B4B84AA55 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 1000.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wears, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-1102 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Webster, John, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-677 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 1058.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wee, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2343 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Cyber Systems Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weede, John, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1681 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 769.20 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wegerbauer, Cynthia, M., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2582 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weidenheimer, Randall, S, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2361 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weidler, Constance, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-523 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Weinberger, Joshua, R., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-957 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 153.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

C.

SCHEDULE A (FEC Form 3X)

FOR LINE NUMBER: PAGE 678 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weitzel, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-532 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Division Counsel Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Weldele, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1327 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 940.00

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Welge, Brian, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2566 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Welker, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1502 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weller, Daniel, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-442 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wells, Bruce, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1422 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wentzel, Carol, S,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-455 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Werle, Ronny, H, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1866 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wesner, Donald, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-161 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 13.85 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Dir Marketing Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 277.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wessels, Jeff, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-92 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wesser, Craig, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2095 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 65.85 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name West, Gregory, E,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-403 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. West, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-271 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. West, Richard, B., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-606 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Information Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) 77.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ____

720 FOR LINE NUMBER: PAGE 683 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Westcott, Dean, T,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1524 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 840.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Westerman, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-21 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 436.92 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. White, Brandon, L,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-395 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 10.57 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 211.40 Other (specify) 91.03 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

720 FOR LINE NUMBER: PAGE 684 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Keri,,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-762 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** White, Michael, D, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-664 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 960.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** White, Patricia, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2716 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify)

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Whiter, Philip, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-266 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Whitson, John, C,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-325 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineering Fellow** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 420.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wider, Rosalie, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-576 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 66.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Kathryn, H,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-807 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 390.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williams, Mary, C, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-632 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williams, Matthew, S., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-889 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Administrative Services Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 99.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

720 FOR LINE NUMBER: PAGE 690 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williamson, Samuel, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-18 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Industrial Security Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williamson, Terry, W, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-803 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williamson, Whipple, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-709 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 769.40 Other (specify) 98.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

720 FOR LINE NUMBER: PAGE 691 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Willoughby, Paul, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-665 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Software** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Willoughby, Sarah, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-173 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1923.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Willoughby, Scott, P., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-490 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 216.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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720 PAGE 692 OF Use separate schedule(s) for each category of the 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wills, Charles, P,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-966 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 384.60 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wilson, Bradford, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-825 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 780.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2734 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Legislative Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 158.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Tracey, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-203 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Windgassen, James, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-470 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 840.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Winkler, Mark, G, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-628 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify)

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Winn, Yvette, R,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2387 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Project Management Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Winship, Thomas Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-658 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00

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Full Name of Individual (Last, First, Middle Witherow, Todd, M, ,	Initial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Dr			10 07 2016
City	State	Zip Code	Transaction ID: 2016100410254-1020
Falls Church	VA	22042-4511	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		38.46
Name of Employer (for Individual)	Occur	pation (for Individual)	Memo Item
Northrop Grumman		A and PTW	_
Receipt For:	Aggregate Y	ear-to-Date ▼	
Primary General Other (specify)	99.59	584.60	
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\rangle	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman	Corporat	ion PAC	
١.	Full Name of Individual (Last, First, Middle Initial) Wofford, Melvin, E, , Mailing Address 2980 Fairview Park Dr	or Full Orgar	nization Name	Date of Receipt
	City Falls Church FEC ID number of contributing	State VA	Zip Code 22042-4511	10 07 2016 Transaction ID : 2016100410254-1824 Amount of Each Receipt this Period 25.00
	Receipt For: Primary Other (specify) ▼ Other (specify) ▼	Occupat	ion (for Individual) tware Engineering r-to-Date ▼ 500.00	Memo Item
3.	Full Name of Individual (Last, First, Middle Initial) Wolf, Chester, H, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State VA C	Zip Code 22042-4511 tion (for Individual) al Security Analyst	Date of Receipt 10 07 2016 Transaction ID: 20161005113156-379 Amount of Each Receipt this Period 40.00 Memo Item
.	Full Name of Individual (Last, First, Middle Initial) Wolf, Patricia, A, , Mailing Address 2980 Fairview Park Dr City Falls Church FEC ID number of contributing federal political committee. Name of Employer (for Individual) Northrop Grumman Receipt For: Primary General Other (specify)	State VA C	Zip Code 22042-4511 ion (for Individual) loyee Relations	Date of Receipt M M M / D D / 2016 Transaction ID: 2016100410254-746 Amount of Each Receipt this Period 45.00 Memo Item
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wood, Jeffry, G,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1275 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 714.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wood, Randel, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-645 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Planning Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wood, Shawn, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-993 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 98.50 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woodward, Deborah, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-731 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Woolsey, Robert, O, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-923 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Woolston, Craig, W., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1099 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Workman, Marc, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1249 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Woythal, Jeffrey, P, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-114 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Military Trainer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wright, Eric, C, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2472 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wright, Scott,,,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2678 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Facilities Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wright Henley, Debora, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2141 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 390.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wroth, Mark, B, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-365 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 700.00 Other (specify) 79.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wyhowanec, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2173 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wyscarver, Deborah, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1653 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.60 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yamada, Chris, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1710 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 159.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yasui, Kevin, M,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2063 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yates, Randall, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1245 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Yeager, Keith, H., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-810 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yee, Susan, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-133 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 32.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Yee-Madera, Gefferie, H, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-2230 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yeiser, Andrea, L., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 20161005113156-764 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 2000.00 Other (specify) 152.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yoo, Kyung, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-164 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Yost, Jeffrey, M, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-1486 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 770.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Young, David, A, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-2327 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1923.00 Other (specify) 154.65 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zadel, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-982 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Bus Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zarzana, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-433 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 12.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zayac, Michael, P., Date of Receipt Mailing Address 2980 Fairview Park Dr. 2016 City State Zip Code Transaction ID: 20161005113156-431 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 71.00

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FOR LINE NUMBER: PAGE 711 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 12 11c Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zeiller, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-364 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zelezny, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-338 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zell, Gregory, D., Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-1611 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 80.00

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zerbe, Jeffrey, N, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 20161005113156-1079 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 769.20 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zeromski, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-350 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Electrical** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zervos, Mike, G, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-928 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Mechanical** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zigomalas, Andreas, , , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-246 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Aeronautical** Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zimmerman, Alan, D,, Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 20161005113156-955 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zmarzlak, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-96 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zobair, Talha, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-2832 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Tax** Northrop Grumman Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zorn, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Dr 10 2016 City State Zip Code Transaction ID: 2016100410254-8 Falls Church VA 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zoubek, Stanley, F, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City State Zip Code Transaction ID: 2016100410254-165 VAFalls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 94.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... ___

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zwernemann, Melanie, A,, Date of Receipt Mailing Address 2980 Fairview Park Dr 2016 City Zip Code State Transaction ID: 2016100410254-1266 VA Falls Church 22042-4511 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Dir IS Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B Date of Receipt Mailing Address City State Zip Code Amount of Each Receipt this Period FEC ID number of contributing federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Date of Receipt Mailing Address City State Zip Code Amount of Each Receipt this Period FEC ID number of contributing C federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 40.00 SUBTOTAL of Receipts This Page (optional)..... 83137.41 TOTAL This Period (last page this line number only).....

SCHEDULE B (FEC Form 3X) ITEMIZED DISBURSEMENTS	Use separate schedule(s) for each category of the	FOR LINE N	one)
	Detailed Summary Page	21b 28a	22 x 23 26 27 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the nam			
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (Corporation PAC		
Full Name (Last, First, Middle Initial) A. BACKPAC			Date of Disbursement
Mailing Address 1751 Potomac Greens Drive			10 14 2016
Alexandria	State Zip Code VA 22314		FEC Identification Number
Purpose of Disbursement 2016 Contribution Candidate Name	[011	C C00566562 Transaction ID : A4E32415E98
BACKPAC		Category/ Type	Amount of Each Disbursement this Period
Senate	nent For: 2016 Primary General Other (specify)		5000.00
State: District:	Contribution		Memo Item
B. Big Sky Opportunity PAC Mailing Address PO Box 1618			Date of Disbursement M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
Helena	State Zip Code MT 59624		FEC Identification Number
Purpose of Disbursement 2016 Contribution Candidate Name	[011	C C00542027 Transaction ID: 025E2B9B848
Big Sky Opportunity PAC		Category/ Type	Amount of Each Disbursement this Period
Office Sought: House Disbursem Senate	nent For: 2016 Primary General		5000.00
State: President District:	Other (specify) Contribution		Memo Item
Full Name (Last, First, Middle Initial) C. California Democratic Party			Date of Disbursement
Mailing Address 1830 9th Street			10 17 2016
,	State Zip Code CA 95811	011	FEC Identification Number C C00105668
Candidate Name California Democratic Party		Category/ Type	Transaction ID: 5288E3D830' Amount of Each Disbursement this Period
Senate	nent For: 2016 Primary General Other (specify) Contribution		5000.00 Memo Item
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NAME OF COMMITTEE (In Full)					
Employees of Northrop Grumman (Corporation PA	С			
Full Name (Last, First, Middle Initial) A. CMR Political Action Committee				Date of C	visbursement
A. CMR Political Action Committee				M M	/ D D / Y Y Y Y
Mailing Address PO Box 2485				10	19 2016
,	State Zip Code VA 22152-0			FEC Iden	tification Number
Purpose of Disbursement				C co	00469429
2016 Contribution		L	011		saction ID : 5C4DD913E8
Candidate Name CMR Political Action Committee			Category/	Amount o	f Each Disbursement this Period
	nent For: 2016		Туре		5000.00
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State: District:	Other (specify) ▼ Contril	hution		Memo	o Item
Full Name (Last, First, Middle Initial)	Contin	buttori			
B. Connolly for Congress				Date of D	Disbursement
Mailing Address PO Box 563				10	14 2016
•	State Zip Code VA 22116			FEC Iden	tification Number
Purpose of Disbursement 2016 General		П	011		00445452
Candidate Name			Category/		f Each Disbursement this Period
Connolly, Gerald, E., ,			Туре		4500.00
	nent For: 2016 Primary x Gen	eral			1500.00
	Other (specify)			Memo	o Item
Full Name (Last, First, Middle Initial) C.				Date of D	visbursement
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City	State Zip Code	,		FEC Iden	tification Number
Purpose of Disbursement		П		С	
Candidate Name			Category/ Type	Amount o	f Each Disbursement this Period
Office Sought: House Disbursem	nent For:		.,,,,,		* · · · * · · · * · · · · · · · · · · ·
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State: District: Full Name (Last, First, Middle Initial) Bob Cortes Campaign Mailing Address 245 Orange Ave						
ate Zip Code FL 32750	011	FEC Identification Number				
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ate Zip Code FL 32301	011 Category/ Type	FEC Identification Number C Transaction ID : E658E4FA7F Amount of Each Disbursement this Period				
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NAME OF COMMITTEE (In Full)	_	.: D.4.0										
Employees of Northrop Grumman (Jorpora	tion PAC										
Full Name (Last, First, Middle Initial)												
^{A.} Jose Oliva Campaign					Date of Disbursement							
Mailing Address 1581 West 49th St - #334					10 19 2016							
,	State	Zip Code		FEC	Identif	ication	Number					
Hialeah Purpose of Disbursement	FL	33012					-					
Nonfederal Contribution 011					C							
Candidate Name	Candidate Name Category/						D : C553E isbursem	341967F ent this P	eriod			
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	Other (specify)				Memo Item							
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B.					Date of Disbursement							
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Senate	Primary General				7 7							
	Other (specify)				Memo Item							
State: District: Full Name (Last, First, Middle Initial)												
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